

14-7-18-83

Hoke

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In re Application of

Applicant: JEAN-YVES CHENARD ET AL : Group 143

Serial No.: 254,313 : Examiner:
V. Hoke

Filed: April 15, 1981

For: IMPROVEMENT IN THE STABILIZATION
OF VINYL HALIDE POLYMERS

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GROUP 140

Hon. Commissioner of Patents and Trademarks
Washington, D. C. 20231

Sir:

This is to call the Examiner's attention to two prior art references that may be relevant to the examination of the present claims. These patents are Japanese Patent Early Disclosure No. 1981-2,336 and Japanese Patent Early Disclosure No. 1980-160,044. Copies of these documents together with uncertified translations are enclosed herewith.

Japanese Patent Disclosure No. 1980-160,044 discloses that stabilized halogen-containing resin compositions are obtained by adding

- (a) an organotin mercaptocarboxylate, an organotin mercaptocarboxylate halide, or an organotin mercaptocarboxylate sulfide, and
- (b) to a halogen-containing resin a mercaptoalkyl carboxylate.

Examples of organotin compounds useful are found on pages 3 and 4 of the translation. Useful mercaptoalkyl esters of carboxylic acids include the reaction product of

2 mercaptoethanol with a monocarboxylic acid; representative examples of mercaptoalkyl esters are illustrated on page 5 of the translation.

Patent Disclosure No. 1981-2,336 discloses that stabilized halogen-containing resin composition can be prepared adding

- (a) an organic tin-sulfur-containing compound possessing a carbon-tin-sulfur group,
- (b) a carboxylic acid mercapto alcohol ester or a mercaptocarboxylic acid alcohol ester, and
- (c) to a halogen-containing resin a mononuclear dihydric phenol.

Applicants rely on their convention priority date of August 29, 1978 in France and note that Patent Early Disclosure No. 1981-2,336 was published on January 12, 1981 and that Patent Early Disclosure 1980-160,044 was published on December 12, 1980. Thus, each of these patents was published well after Applicants' priority application was filed.

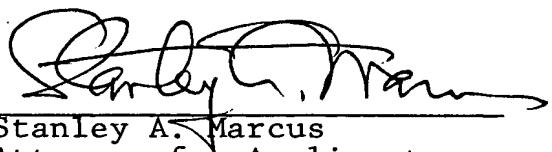
It is respectfully noted that these references illustrate the knowledge and skill of the art as of 1979, when each of these patent applications was filed in Japan. It is urged that the scope of the Applicants convention application must be considered in light of the knowledge and skill of the art, as illustrated by these references.

In directing the Examiner's attention to these references, Applicants are complying with their obligation of candor and are discharging their duty to disclose relevant prior art that may be material to an appropriate examination of this application.

It is respectfully submitted that neither of the two references attached hereto is available for a basis for rejecting Applicants' claims and it is therefore respectfully urged that, while the Examiner should be aware of these references, they do not affect the patentability of Applicants' claims.

Respectfully submitted,

August 4, 1983
Date

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